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USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 26 February 1993 from the Permanent Mission of the Russian Federation to the United Nations addressed to the Secretary-General

The Permanent Mission of the Russian Federation to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the Russian Federation in May to November 1992 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN MAY AND JUNE 1992

1. In May and June 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2756	Cosmos-2186 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	28 May	350	195	62.9	89.7	Investigation of the upper atmosphere and outer space
2757	Cosmos-2187*	3 June	1 506	1 444	74	115.3	Investigation of outer space
2758	Cosmos-2188*	"	"	"	"	"	"
2759	Cosmos-2189*	"	"	"	"	"	"
2760	Cosmos-2190*	"	"	"	"	"	"
2761	Cosmos-2191*	"	"	"	"	"	"
2762	Cosmos-2192*	"	"	"	"	"	"
2763	Cosmos-2193*	"	"	"	"	"	"
2764	Cosmos-2194*	"	"	"	"	"	"
2765	Resurs-F (launched by a Soyuz carrier rocket from the Plesetsk launch site)	23 June	257	190	82.3	88.6	Investigation of the natural resources of the Earth in the interests of the various branches of the national economy

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No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2766	Progress M-13 (launched by a Soyuz carrier rocket from the Baikonur launch site)	30 June	244	189	51.6	88.5	Delivery of various cargoes to the Mir manned orbital station

* Launched by a Cosmos carrier rocket from the Plesetsk launch site.

2. The following space objects ceased to exist in May 1992 and were no longer in earth orbit at 2400 hours Moscow time on 31 May 1992:

1988-113A (Cosmos-1985)
1992-016A (Cosmos-2182)
1992-124A (Resurs F-2)

3. The following space objects ceased to exist in June 1992 and were no longer in earth orbit at 2400 hours Moscow time on 30 June 1992:

1992-022A (Progress M-12)
1992-023A (Cosmos-2185)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN JULY 1992

1. In July 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2767	Cosmos-2195 (launched by a Cosmos carrier rocket from the Plesetsk launch site)	2 July	1 023	975	82.9	104.8	Investigation of outer space
2768	Cosmos-2196 (launched by a Molniya carrier rocket from the Plesetsk launch site)	8 July	39 235	608	62.8	707	"
2769	Cosmos-2197*	13 July	1 442	1 442	82.6	114.3	"
2770	Cosmos-2198*	"	"	"	"	"	"
2771	Cosmos-2199*	"	"	"	"	"	"
2772	Cosmos-2200*	"	"	"	"	"	"
2773	Cosmos-2201*	"	"	"	"	"	"
2774	Cosmos-2202*	"	"	"	"	"	"
2775	Gorizont (launched by a Proton carrier rocket from the Baikonur launch site in the interests of the Ministry of Communications of the Russian Federation)	15 July	36 567	36 567	1.4	1 476	Development of the communications and television broadcasting system

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No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2776	Cosmos-2203 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	24 July	334	198	62.8	89.5	Investigation of the upper atmosphere and outer space
2777	Soyuz TM-15 (launched by a Soyuz carrier rocket from the Baikonur launch site)	27 July	233	200	51.6	88.6	Transport to the Mir manned orbital station of an international crew comprising the cosmonauts A. Solovyev, S. Avdeev and M. Tonini (France) to conduct joint work with the cosmonauts A. Viktorenko and A. Kaleri
2778	Cosmos-2204**	30 July	19 141	19 141	64.8	676	Testing of components and apparatus of the Glonass global space navigation system being set up to determine the position of civil aircraft and vessels of the merchant marine and fishing fleet
2779	Cosmos-2205**	"	"	"	"	"	"
2780	Cosmos-2206**	"	"	"	"	"	"
2781	Cosmos-2207 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	"	263	195	82.3	88.7	Investigation of the upper atmosphere and outer space

* Launched by a Tsiklou carrier rocket from the Plesetsk launch site.

** Launched by a Proton carrier rocket from the Baikonur launch site.

2. The following space objects ceased to exist in July 1992 and were no longer in earth orbit at 2400 hours Moscow time on 31 July 1992:

1992-029A (Cosmos 2186)
1992-033A (Resurs-F)
1992-035A (Progress M-18)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN AUGUST 1992

1. In August 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2782	Molniya-1 (launched by a Molniya carrier rocket)	6 August	40 693	636	63.6	737	Operation of the long-range telephone and telegraph radio communications system, transmission of television programmes to stations in the Orbita network
2783	Cosmos-2208 (launched by a Cosmos carrier rocket from the Plesetsk launch site)	12 August	826	790	74.1	100.9	Investigation of outer space
2784	Progress M-14 (launched by a Soyuz carrier rocket from the Baikonur launch site)	16 August	251	191	51.6	88.6	Delivery of various cargoes to the Mir manned orbital station
2785	Resurs-F (launched by a Soyuz carrier rocket from the Plesetsk launch site)	19 August	258	193	82.6	88.7	Investigation of the natural resources of the Earth in the interests of the various branches of the national economy and solution of problems relating to the environment and to international cooperation (the satellite's equipment included two Pion passive satellites for the investigation of the upper atmosphere)

2. The following space objects ceased to exist in August 1992 and were no longer in earth orbit at 2400 hours Moscow time on 31 August 1992:

1990-075A (Cosmos-2098)
1992-014A (Soyuz TM-14)
1992-048A (Cosmos-2207)

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN SEPTEMBER 1992

1. In September 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2786	Cosmos-2209 (launched by a Proton carrier rocket from the Baikonur launch site)	10 September	35 935	35 935	1.3	1 443	Investigation of outer space and processes occurring in the Earth's atmosphere
2787	Cosmos-2210 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	22 September	380	173	67.2	89.7	Investigation of the upper atmosphere and outer space

2. The following space objects ceased to exist in September 1992 and were no longer in earth orbit at 2400 hours Moscow time on 30 September 1992:

1992-045A (Cosmos-2203)
1992-056A (Resurs-F-1)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN OCTOBER 1992

1. In October 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2712	Photon (lauched by a Soyuz carrier rocket from the Plesetsk launch site)	8 October	383	228	62.8	90.3	Space materials research (conducted jointly with Germany)
2789	Molniya 3 (launched by a Molniya carrier rocket from the Plesetsk launch site)	14 October	40 854	461	62.8	737	Operation of the long-range telephone and telegraph radio communications system, transmission of television programmes to stations in the Orbita network and international cooperation
2790	Cosmos-2211*	20 October	1 449	1 416	82.6	114.3	Investigation of outer space
2791	Cosmos-2212*	"	"	"	"	"	"
2792	Cosmos-2213*	"	"	"	"	"	"
2793	Cosmos-2214*	"	"	"	"	"	"
2794	Cosmos-2215*	"	"	"	"	"	"
2795	Cosmos-2216*	"	"	"	"	"	"
2796	Cosmos-2217* (launched by a Molniya carrier rocket from the Plesetsk launch site)	21 October	39 400	600	62.8	708	"

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2797	Progress M-15 (launched by a Soyuz carrier rocket from the Baikonur launch site)	27 October	233	194	51.6	88.5	Delivery of various cargoes to the Mir manned orbital station
2798	Cosmos-2218 (launched by a Cosmos carrier rocket from the Plesetsk launch site)	29 October	1 028	989	82.9	105	Investigation of outer space
2799	Ekran (launched by a Proton carrier rocket from the Baikonur launch site)	30 October	35 618	35 618	1.4	1 428	Transmission of television programmes to a network of multiple-user receiving stations

* Space objects Cosmos-2211, Cosmos-2212, Cosmos-2213, Cosmos-2214, Cosmos-2215 and Cosmos-2216 were launched by a single Tsiklon carrier rocket from the Plesetsk launch site.

2. The following space objects ceased to exist in October 1992 and were no longer in earth orbit at 2400 hours Moscow time on 31 October 1992:

1991-024A (Almaz-1)
1992-055A (Progress M-14)
1992-065A (Photon)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN NOVEMBER 1992

1. In November 1992, the Russian Federation launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2800	Resurs-300 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	16 November	270	194	82.6	88.8	Delivery of a humanitarian cargo (messages to the American people, promotional materials of Russian and foreign firms, etc.) to the United States of America in connection with the 500th anniversary of the discovery of America by Columbus
2801	Cosmos-2219 (launched by a Zenit carrier rocket from the Baikonur launch site)	17 November	881	852	71	102	Investigation of outer space
2802	Cosmos-2220 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	20 November	368	178	67.2	89.6	Investigation of the upper atmosphere and outer space
2803	Mak-2 (small satellite; launched from the Mir station)	"	418	398	51.6	92.4	Conduct of experiments to study physical processes in the Earth's ionosphere
2804	Cosmos-2221 (launched by a Tsiklon carrier rocket from the Plesetsk launch site)	24 November	678	651	82.6	97.8	Investigation of outer space

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No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2805	Cosmos-2222 (launched by a Molniya carrier rocket from the Plesetsk launch site)	25 November	39 340	615	62.8	708	"
2806	Gorizont (launched by a Proton carrier rocket from the Baikonur launch site)	27 November	36 500	36 500	1.4	1 472	Development of the communications and television broadcasting system

2. The following space objects ceased to exist in November 1992 and were no longer in earth orbit at 2400 hours Moscow time on 30 November 1992:

1975-076A (Cosmos-756)
1992-062A (Cosmos-2210)
1992-075A (Resurs-500)